

Ref

# OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

*Edited by*

**FRANCIS HEMMING, C.M.G., C.B.E.**  
Secretary to the Commission

**VOLUME 1. Section C. Part C4. Pp. 57—66**

## **DIRECTION 13**

Addition of the generic name *Manatus* Brünnich, 1771  
(Class Mammalia) to the *Official List of Rejected and  
Invalid Generic Names in Zoology*  
(*Direction* supplementary to *Opinion* 112)

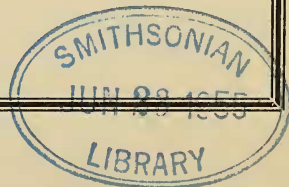
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# INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

## COMPOSITION AT THE TIME OF THE ADOPTION OF THE RULING GIVEN IN DIRECTION 13

### A. The Officers of the Commission

*Honorary Life President* : Dr. Karl Jordan (*British Museum (Natural History), Zoological Museum, Tring, Herts., England*)

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*President* : Professor James Chester Bradley (*Cornell University, Ithaca, N.Y., U.S.A.*) (12th August 1953)

*Vice-President* : Senhor Dr. Afranio do Amaral (*Sao Paulo, Brazil*) (12th August 1953)

*Secretary* : Mr. Francis Hemming (*London, England*) (27th July 1948)

### B. The Members of the Commission

(*Arranged in order of precedence by reference to date of election or of most recent re-election, as prescribed by the International Congress of Zoology*)

Professor H. Boschma (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (1st January 1947)

Senor Dr. Angel Cabrera (*Eva Peron, F.C.N.G.R., Argentina*) (27th July 1948)

Mr. Francis Hemming (*London, England*) (27th July 1948) (*Secretary*)

Dr. Joseph Pearson (*Tasmanian Museum, Hobart, Tasmania, Australia*) (27th July 1948)

Dr. Henning Lemche (*Universitetets Zoologiske Museum, Copenhagen, Denmark*) (27th July 1948)

Professor Teiso Esaki (*Kyushu University, Fukuoka, Japan*) (17th April 1950)

Professor Pierre Bonnet (*Université de Toulouse, France*) (9th June 1950)

Mr. Norman Denbigh Riley (*British Museum (Natural History) London*) (9th June 1950)

Professor Tadeusz Jaczewski (*Institute of Zoology, Polish Academy of Sciences, Warsaw, Poland*) (15th June 1950)

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Professor Erich Martin Hering (*Zoologisches Museum der Humboldt-Universität zu Berlin, Germany*) (5th July 1950)

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Professor Harold E. Vokes (*Johns Hopkins University, Baltimore, Maryland, U.S.A.*) (12th August 1953)

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Dr. Norman R. Stoll (*Rockefeller Institute for Medical Research, New York, N.Y., U.S.A.*) (12th August 1953)

Mr. P. C. Sylvester-Bradley (*Sheffield University, Sheffield, England*) (12th August 1953)

Dr. L. B. Holthuis (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (12th August 1953)

## DIRECTION 13

### ADDITION OF THE GENERIC NAME "MANATUS" BRÜNNICH, 1771 (CLASS MAMMALIA) TO THE "OFFICIAL INDEX OF REJECTED AND INVALID GENERIC NAMES IN ZOOLOGY" ("DIRECTION" SUPPLEMENTARY TO "OPINION 112")

**RULING** :—(1) The under-mentioned generic names are hereby placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* with the Name Nos. 262 and 263 respectively :—

- (a) *Manatus* Brünnich, 1771 (a junior objective synonym of *Trichechus* Linnaeus, 1758), a name already placed on the *Official List of Generic Names in Zoology* as Name No. 541 ;
- (b) *Manatus* Storr, 1780 (a junior homonym of *Manatus* Brünnich, 1771).

(2) The under-mentioned specific name is hereby placed on the *Official List of Specific Names in Zoology* with the Name No. 481 : *manatus* Linnaeus, 1758, as published in the combination *Trichechus manatus* (specific name of type species of *Trichechus* Linnaeus, 1758).

#### I.—THE STATEMENT OF THE CASE

At its Session held in Paris in 1948 the International Commission decided that the work by Brünnich published in 1771 with the title *Zoologiae Fundamenta* satisfied the requirements of Article 25 of the *Règles* (1950, *Bull. zool. Nomencl.* 4 : 307—310) and, having done so, proceeded to take such action as was necessary to ensure that each of the new generic names first published in the foregoing work should be examined for the purpose of making sure that the recognition of the foregoing work would not lead to confusion or undesirable name-changing in the groups concerned. One of the names concerned was the name *Manatus* Brünnich, 1771 (*Zool. Fund.* : 38). As regards this

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name the Commission invited the Secretary to investigate the position in conjunction with interested specialists and, having done so, to submit a Report with recommendations (1950, *ibid.* 4 : 313). After making the requisite enquiries, the Secretary submitted on 15th September 1951 the Report which he had been asked to prepare on the subject. The first paragraph of Mr. Hemming's Report was concerned only with a recital of the circumstances leading up to the invitation addressed to him in Paris in 1948 to undertake the foregoing enquiry. The remainder of the Report was as follows :—

**Report on the nomenclatorial status of the generic name  
"Manatus" Brünnich, 1771 (Class Mammalia)**

By FRANCIS HEMMING, C.M.G., C.B.E.,

*Secretary to the International Commission on Zoological Nomenclature*

. . . . .

2. In the original application submitted to the Commission in regard to the status of names in Brünnich's *Zoologiae Fundamenta*, Mr. R. Winckworth pointed out (1945, *Bull. zool. Nomencl.* 1 : 115) that the nominal genus *Manatus* Brünnich, 1771 (*Zool. Fund.* : 38) had been established for *Trichechus manatus* Linnaeus, 1758 (*Syst. Nat.* (ed. 10) 1 : 34), the Manatee. Mr. Winckworth did not expressly state that this species was the type species of *Manatus* Brünnich, but I find that this species was in fact so selected by Palmer in 1904 (*N. Amer. Fauna* 23 : 398).

3. I find also that in a different connection the name *Manatus* Brünnich, 1771, was considered by the Commission when considering an application for the use of the Plenary Powers for the names of sixteen genera of mammals submitted many years ago by seven leading mammalogists in different parts of the world. A preliminary Report by the Commission on that application was given in the Commission's *Opinion* 90 published in 1925 (*Smithson. misc. Coll.* 73 (No. 3) : 34—40). The Commission's final decision in regard to the portion of the application relating to the name with which we are here concerned was given four years later in *Opinion* 112 (1929, *Smithson. misc. Coll.* 73 (No. 6) (3016) : 19). In that *Opinion* the Commission rejected the application that the Plenary Powers should be used to validate the name *Manatus* Brünnich, 1771, as the generic name for the Manatee in place of the older name *Trichechus* Linnaeus, 1758 (*Syst. Nat.* (ed. 10) 1 : 34), of which the Manatee (*Trichechus manatus* Linnaeus, 1758) was also the type species (by monotypy). At the same time the Commission placed the name *Trichechus* Linnaeus, 1758 (with the above species as type species) on the *Official List of Generic Names in Zoology*.

4. We see from the foregoing data that the generic name *Manatus* Brünnich, 1771, is an objective junior synonym of a name (*Trichechus* Linnaeus, 1758), which has already been placed on the *Official List of Generic Names in Zoology*, after the rejection of an application that the Plenary Powers should be used to validate the name *Manatus* Brünnich, 1771. In accordance with the decision by the Thirteenth International Congress of Zoology that names rejected by, or found to be invalid by, the International Commission are to be placed on the appropriate *Official Index of Rejected and Invalid Names*, the name *Manatus* Brünnich, 1771, should now be placed on the *Official Index of Rejected and Invalid Generic Names in Zoology*.

5. At this point we may recall also that the Paris Congress directed that the trivial name of the type species of every genus, the name of which is placed on the *Official List of Generic Names in Zoology*, shall, if the oldest available trivial name for the species concerned, be placed on the *Official List of Specific Trivial Names in Zoology* (see 1950, *Bull. zool. Nomencl.* 4 : 270). In due course the trivial names of the type species of all the genera, the names of which have so far been placed on the *Official List of Generic Names in Zoology* will be examined in the light of the foregoing decision and, if found to be the oldest available such names for the species concerned, will be placed on the *Official List of Specific Trivial Names in Zoology*, but it is desirable that, as and when it is necessary (as here) to examine such a name for some other purpose, that name should forthwith be placed on the last-named *Official List*. The trivial name *manatus* Linnaeus, 1758, as published in the binominal combination *Trichechus manatus*, is the oldest available trivial name for the species concerned, and it is desirable therefore that the present opportunity should be taken for placing it on the *Official List of Specific Trivial Names in Zoology*.

6. In the light of the considerations brought forward in the preceding paragraphs, I now submit the following recommendations for the consideration of the International Commission on Zoological Nomenclature, namely that it should :—

- (1) place the generic name *Manatus* Brünnich, 1771, an objective junior synonym of the name *Trichechus* Linnaeus, 1758 (already placed on the *Official List of Generic Names in Zoology* by the decision taken in *Opinion 112*), on the *Official Index of Rejected and Invalid Generic Names in Zoology* ;
- (2) place the trivial name *manatus* Linnaeus, 1758, as published in the binominal combination *Trichechus manatus* (trivial name of the type species of *Trichechus* Linnaeus, 1758) on the *Official List of Specific Trivial Names in Zoology*.

## II.—THE SUBSEQUENT HISTORY OF THE CASE

**2. Registration of the present application :** In the early stages of the present investigation the documents relating to it were placed in the Commission's File Z.N.(S.) 151, the File established for the reception of documents relating to the general question of the availability of names published in Brünnich's *Zoologiae Fundamenta* at the time of the receipt of Mr. Winckworth's application in regard to that subject. Later, when Mr. Hemming completed his Report on the question of the status of the name *Manatus* Brünnich, this question was allotted the Registered Number Z.N.(S.) 615, and the documents relating to it were transferred to the new File so opened.

**3. Publication of Mr. Hemming's Report :** Mr. Hemming's Report on the present case was sent to the printer on 1st October 1951 and was published on 15th April 1952 in Part 5 of volume 6 of the *Bulletin of Zoological Nomenclature* (Hemming, 1952, *Bull. zool. Nomencl.* 6 : 159—160).

**4. Appeal to specialists for comments on the action proposed in the present case :** During the winter of 1951/1952, Mr. Hemming, as Secretary, prepared a survey of the progress made in the investigations into nomenclatorial problems which he had been invited to undertake by the Thirteenth International Congress of Zoology, Paris, 1948. The present case was entered as Case 6 in Part 2 of the survey so prepared. In this, as in other cases dealt with in the foregoing survey, Mr. Hemming appealed to interested specialists to furnish comments on the action proposed. The portion of the Survey dealing with the present case was as follows (Hemming, 1952, *Bull. zool. Nomencl.* 7 : 198) :—

### Case 6 : Status of the generic name " *Manatus* " Brünnich, 1771 (Class Mammalia)

At its Session held in Paris in 1948 the International Commission on Zoological Nomenclature, after ruling that generic names published by Brünnich in 1771 in his *Zoologiae Fundamenta* possessed rights under the Law of Priority, decided that, in view of the risk that the application of this decision of principle might lead in individual cases to confusion or undesirable name-changing, each of the names concerned should be investigated separately in conjunction with interested specialists. One of the names so referred was the name *Manatus*

Brünnich, 1771 (Class Mammalia). A Report on this case has now been completed and is being published in Part 5 of Volume 6 of the *Bulletin of Zoological Nomenclature* (pp. 159—160).

**5. No objections received in regard to the action proposed in the present case :** The publication of Mr. Hemming's Report in volume 6 (paragraph 1 of the present *Direction*), and of the short Notice regarding this case in volume 7 (paragraph 4 of the present *Direction*) of the *Bulletin of Zoological Nomenclature* elicited no objection to the action proposed.

### III.—THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

**6. Issue of Voting Paper V.P.(54)19 :** On 6th March 1954 a Voting Paper (V.P.(54)19) was issued in which the Members of the Commission were invited to vote either for, or against, the proposal relating to "the name *Manatus* Brünnich, 1771, as set out in paragraph 6 at the foot of page 160 of volume 6 of the *Bulletin of Zoological Nomenclature* [i.e. in paragraph 6 of the Report reproduced in paragraph 1 of the present *Direction*].

**7. The Prescribed Voting Period :** As the foregoing Voting Paper was issued under the Three-Month Rule, the Prescribed Voting Period closed on 6th June 1954.

**8. Particulars of the Voting on Voting Paper V.P.(54)19 :** The state of the voting on Voting Paper V.P.(54)19 at the close of the Prescribed Voting Period was as follows :—

(a) *Affirmative Votes had been given by the following nineteen (19) Commissioners (arranged in the order in which Votes were received) :*

Holthuis ; Hering ; Riley ; Lemche ; Vokes ; do Amaral ; Sylvester-Bradley ; Esaki ; Dymond ; Bonnet ; Boschma ; Hankó ; Hemming ; Mertens ; Jaczewski ; Pearson ; Bradley (J.C.) ; Stoll ; Cabrera ;

(b) *Negative Votes* :

None ;

(c) *Voting Papers not returned* :

None.

**9. Declaration of Result of Vote :** On 6th June 1954, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(54)19, signed a Certificate that the Votes cast were as set out in paragraph 8 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

**10. Addition of a further junior homonym to the "Official Index of Rejected and Invalid Generic Names in Zoology" :** On 28th November 1954, Mr. Hemming, as Secretary, placed the following Minute on the Commission's File Z.N.(S.) 615 :—

**Addition of the name "Manatus" Storr, 1780, to the  
"Official Index of Rejected and Invalid  
Generic Names in Zoology"**

M I N U T E,

dated 29th November, 1954

By FRANCIS HEMMING, C.M.G., C.B.E.

*Secretary to the International Commission on Zoological Nomenclature*

In checking the references in the case of the name *Manatus* Brünnich, 1771, in the course of preparing the *Direction* required to give effect to the decision taken by the Commission in this case in its Vote on Voting Paper V.P.(54)19, I find that there is a junior homonym of the above generic name to which by inadvertence no reference was made in the application submitted in the present case. This is the generic name *Manatus* Storr, 1780 (*Prodr. Mamm.* : 41 & Tab. C).

**2.** In pursuance of the General Directives issued to the International Commission by the Thirteenth International Congress of Zoology, Paris, 1948, (a) that *Opinions* rendered by the Commission are to



cover every aspect of each case dealt with therein, and (b) that every objectively invalid name so dealt with is to be placed on the appropriate *Official Index of Rejected and Invalid Names*, I, now, as Secretary to the International Commission, direct that the Ruling to be given in the *Direction* recording the decision taken by the Commission in its vote on the Voting Paper referred to in paragraph 1 above shall include a provision placing the generic name *Manatus* Storr, 1780 (a junior homonym of the name *Manatus* Brünnich, 1771) on the *Official Index of Rejected and Invalid Generic Names in Zoology*.

**11. Preparation of the Ruling given in the present "Direction" :**

On 29th March 1955, Mr. Hemming prepared the Ruling given in the present *Direction* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(54)19, subject to the amplification thereof specified in the Minute previously executed by the Secretary on the same day (reproduced in paragraph 10 of the present *Direction*).

**12. Original references :** The following are the original references for the names placed on *Official Lists* and *Official Indexes* by the Ruling given in the present *Direction* :—

*Manatus* Brünnich, 1771, *Zool. Fund.* : 38

*Manatus* Storr, 1780, *Prodr. Mamm.* : 41 & Tab. C

*manatus*, *Trichechus*, Linnaeus, 1758, *Syst. Nat.* (ed. 10) 1 : 34

**13.** At the time of the submission of the application dealt with in the present *Direction*, the expression prescribed for the second portion of the binomen which constitutes the scientific name of a species was the expression "trivial name" and the *Official List* reserved for recording such names was styled the *Official List of Specific Trivial Names in Zoology*, the word "trivial" appearing also in the title of the *Official Index* reserved for recording rejected and invalid names of this category. Under a decision taken by the Fourteenth International Congress of Zoology, Copenhagen, 1953, the expression "specific name" was substituted for the expression "trivial name" and corresponding changes were made in the titles of the *Official List* and *Official Index* of such names (1953, *Copenhagen Decisions*

*zool. Nomencl.* : 21). The changes in terminology so adopted have been incorporated in the Ruling given in the present *Direction*.

14. The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Direction* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

15. The present *Direction* shall be known as *Direction* Thirteen (13) of the International Commission on Zoological Nomenclature.

DONE in London, this Twenty-Ninth day of March, Nineteen Hundred and Fifty-Five.

*Secretary to the International Commission  
on Zoological Nomenclature*

**FRANCIS HEMMING**